

MARENINA, A. I.

"Research on the Dynamics of Sleep in Man by Measuring the Electrical Resistance of the Surface of the Skin," Trudy Inst. fiziol. im. Pavlov, No. 1, pp 316-319, 1952

Lab. of Physiology and Pathology of Higher Nervous Activity

Translation No.493, 5 Dec 55

ZIMKINA, A.M.; ZIMKIN, N.V.; KAPLAN, A.Ye.; MARENINA, A.I.; MIKHIL'SON, A.A.

Mobility of some reflex and sensory processes. Trudy fiziol. inst.
4:117-124 '49. (MIRA 9:5)

(REFLEXES) (SENSES AND SENSATION)

MARENIN, V.F., kand. tekhn. nauk

Structure; of steel pipes filled with concrete for use in the
construction industry. Uch. zap. Penz. inzh.-stroi. inst. no.2:
81-94 '62. (MIRA 17:11)

MARENIN, V.F., RENSKIY, A.B.

Strength of concrete-filled steel tubings. Mat. po stal'. konstr.
no.4:85-109 '59. (MIRA 13:8)
(Pipe, Concrete)

MARENIN, V. F., Cand Tech Sci (diss) -- "Investigation of the strength of steel tubes filled with concrete under axial compression". Moscow, 1959. 15 pp
(Min Higher and Inter Spec Educ RSFSR, Moscow Order of Labor Red Banner Construction Engineering Inst im V. V. Kuybyshev), 200 copies (KL, No 11, 1960, 133)

MARENIN, N. A.

Title: Stroboscopic method for the measurement of technical frequencies

Author: N. A. Marenin

"Electrical investigations and measurements" under the editorial supervision
of N. A. Marenin

CONT Date: 1939

From List ATIC 17413-3

MARENIN, A.

Khanger Volcano

On the summit of Khanger. Vokrug sveta no. 11, 1952

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

MARENIN, A.

Volcanoes

"Jump" over a volcano., Vokrug sveta., no. 1 1952.

MONTHLY LIST OF RUSSIAN ACCESSIONS. Library of Congress, March 1952. UNCLASSIFIED.

CHERNOV, M.Yu.; PIVNENKO, G.P. [Pivnenko, H.P.]; MARENICH, I.P. [Marenych, I.P.]

Production of drugs in the form of stable juices from the grass,
Chelidonium majus. Farmatsev. zhur. 16 no.6:43-48 '61. (MIRA 15:5)

1. Kafedra tekhnologii lekarstvennykh form i galenovykh preparatov
Khar'kovskogo farmatsevticheskogo instituta.
(CELANDINE)

PIVNEKO, G.P. [Pivnenko, H.P.]; KRIVENCHUK, P.E. [Kryvenchuk, P.IE.];
LITVINENKO, M.M. [Lytvynenko, M.M.]; MARENICH, I.P. [Marenych, I.P.]

Connection of the higher school with production. Farmatsev. zhur.
16 no.3:74-76 '61. (MIRA 14:6)
(PHARMACY—STUDY AND TEACHING)

PIVNENKO, G.P. [Pivnenko, H.P.]; MARENICH, I.P.

Preparation of solutions with weight-volume concentration by the gravimetric method. Farmatsev. zhur. 15 no.6:27-29 '60. (MIRA 14:11)

1. Khar'kovskiy farmatsevticheskiy institut, kafedra tekhnologii lekarstv.

(SOLUTIONS (PHARMACY))

MARENICH, I.A.

Cytisine detecting reaction in chemical analysis for legal purposes.
Ukr. khim. zhur. 24 no.3:388-390 '58. (MIRA 11:9)

1.Khar'kovskiy farmatsevticheskiy institut, kafedra sudebnoy khimii.
(Cytisine) (Chemistry, Legal)

Pharmaceutical
MARENICH, I.A., Cand ~~Sci~~ Sci -- (diss) "Legal chemical
study of ~~c~~^Y~~at~~^{is}ine and its distribution ~~in~~ⁱⁿ ~~miscible~~^{immiscible}
solvents." Khar'kov, 1958, 9pp (Min of Health USSR. Mor
Pharmaceutical Inst) 200 copies (KL, 50-58, 132)

- 164 -

STOJANOVIC, Svetislav; MARENIC, Slavija; UKROPINA, Dusan

Diseases in ballet dancers. Srpski arh. celok. lek. 91 no.10:
903-912 0'63.

1. Klinika za ortopedsku hirurgiju i traumatologiju Medicinskog
fakulteta Univerziteta u Beogradu. Upravnik: prof.dr.Svetislav
Stojanovic.

S

KIRSANOV, A.V., LEVCHENKO, YE.S., ZHMUROVA, I.N., ZHURAVLEVA, L.P.
MARENETS, M.S.

Isocyanates of phosphorus.

Khimiya i Primeneniye Fosfororganicheskikh Soedineniy (Chemistry and application of organophosphorus compounds) A. YE. KIRSANOV, Ed.
Publ. by Kazan Affil. Acad. Sci. USSR, Moscow 1962, 632 pp.

Collection of complete papers presented at the 1959 Kazan Conference on Chemistry of Organophosphorus Compounds.

KIRSANOV, A.V.; MARENETS, M.S.

Esters of urethanphosphoric acids. Part 2. Zhur.ob.khim. 31
no.5:1607-1611 My '61. (MIRA 14:4)

1. Institut organicheskoy khimii AN Ukrainskoy SSR.
(Urethanphosphoric acid)

KIRSANOV, A.V.; MARENETS, M.S.

Thermal cleavage of phenyl trichlorophosphazocarbonate. Zhur.ob.
khim. 31 no.5:1605-1607 My '61. (MIRA 14:5)

1. Institut organicheskoy khimii AN Ukrainskoy SSR.
(Phosphazo compounds) (Carbonic acid)

Urethan Phosphoric Ester

SOV/79-29-7-33/83

as well as in immediate evaporation of the methyl chloride the yield is considerably reduced. Among the esters of trichlorophosphazo carbonic acid of the type $\text{ROCON}=\text{PCl}_3$ hitherto only the ethyl ester (Refs 3,4) has been known (Scheme III). According to the same scheme the methyl-, isopropyl-, n-propyl-, isobutyl- and n.-butyl ester of trichlorophosphazo carbonic acid were obtained. When these esters are heated, they decompose quantitatively according to scheme (IV) (Table 1). In contrast to the earlier scheme (V), the acid dichlorides of urethan-N-phosphoric acids were obtained according to scheme (VI) in an almost quantitative yield (experimental part). In table 2 the acid dichlorides of these acids are given. The temperature of the thermal cleavage of the above esters into alkyl halides and acid dichlorides of isocyanate phosphoric acid depends on the nature of the alkyl. Some of the esters synthesized proved to be active insecticides. There are 3 tables and 6 Soviet references.

ASSOCIATION: Institut organicheskoy khimii Akademii nauk Ukrainskoy SSR
(Institute of Organic Chemistry of the Ukrainskaya SSR)

SUBMITTED: June 9, 1958
Card 2/2

5 (3)

. AUTHORS: Kirsanov, A. V., Marenets, M. S. SOV/79-29-7-33/83

TITLE: Urethan Phosphoric Ester (Efiry uretanfosfornykh kislot)

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 7, pp 2256 - 2262 (USSR)

ABSTRACT: Methylurethan-N-phosphate $\text{CH}_3\text{OCONHPO}(\text{OCH}_3)_2$ (Ref 1) which was recently synthesized by Kirsanov proved to be an active non-poisonous insecticide preparation for haematherms (further referred to as K-20-35). It was of interest to synthesize compounds similar to this preparation and to develop less complicated methods of the synthesis of K-20-35 and its analogues and to produce them industrially. They succeeded in working out two new reaction schemes for the synthesis of K-20-35, the first of which consists of three stages (76% yield) and the second of two stages (80%). [Scheme (1) and (2)]. For higher quantities scheme (II) is suited, for the homologues of K-20-35 scheme (I). According to scheme (II) a solution of methylurethan-N-phosphate (K-20-35) in methanol resulted after the second stage which contained 2 mols of HCl and 1 mol of methyl chloride per 1 mol of K-20-35. After longer standing (more than 3 hours)

Card 1/2

Synthesis of the Derivatives of Phenyl Trifluoro Methyl Sulfone SOV/79-29-1-58/74

2-methyl-6-trifluoro methyl sulfonyl benzimidazole, 2-5-trifluoro methyl sulfonyl benzthiazole according to scheme 2. The latter base was transformed into the quaternary salt from which carboxy anine and the dye styryl were obtained. The group CF_3SO_2 in position 5 of the benzthiazole nucleus as well as other electronegative substituents in the same position (NO_2 , CF_3 , Refs 1,2) almost does not change the absorption maximum of thiacyanocyanine. In the dye styryl the group CF_3SO_2 shifts the absorption maximum to 25 m μ towards the side of long waves (Table). 3-nitro-4-hydrazine phenyl trifluoro methyl sulfone was also obtained. There are 1 table and 9 references, 5 of which are Soviet.

ASSOCIATION: Institut organicheskoy khimii Akademii nauk Ukrainskoy SSR
(Institute of Organic Chemistry of the Academy of Sciences, Ukr SSR)

SUBMITTED: November 25, 1957

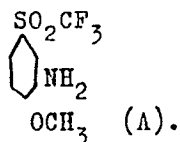
Card 2/2

AUTHORS: Yagupol'skiy, L. M., Marenets, M. S. SOV/79-29-1-58/74

TITLE: Synthesis of the Derivatives of Phenyl Trifluoro Methyl Sulfone (Sintez proizvodnykh feniltriftormetilsul'fona)

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 1, pp 278 - 283 (USSR)

ABSTRACT: It was the aim of the present study to prepare the intermediate products for the synthesis of azo- and cyanine dyes which contain a trifluoro methyl sulfonyl group. 3-amino-4-fluoro- and 3-amino-4-chloro-phenyl trifluoro methyl sulfones were obtained according to the mentioned scheme 1. From 3-nitro-4-chloro-phenyl trifluoro methyl sulfone by means of sodium methylate 3-nitro-4-methoxy phenyl trifluoro methyl sulfone was produced which was reduced to the amine



Card 1/2

Apart from this the following substances were synthesized:

MARENETS, M.S.

YAGUPOL'SKIY, L.M.; MARENETS, M.S.

Dimethylaminoazobenzene derivatives containing fluorine.
Zhur.ob.khim. 27 no.5:1395-1399 My '57. (MLBA 10:8)

1. Institut organicheskoy khimii Akademii nauk Ukrainskoy SSR.
(Aniline) (Azo dyes) (Fluorine organic compounds)

YAGUPOL'SKIY, L.M.; MARENETS, M.S.

Nitration of phenyltrifluoromethyl sulfide. Zhur.ob.khim. 26
no.1:101-107 Ja '56. (MLRA 9:5)

1. Institut organicheskoy khimii Ukrainskoy Akademii nauk.
(Sulfide) (Nitration)

YAGUPOLSKI, L.M. MAREVETS, M.S.
 184-5°. If the above nitration is run at 60°, there is formed
 4.6% p- and in addn., a dinitro compd., which after reduction
 and acetylation gave a di-AcNH₂ compd., m. 220-30°
 (41.7%), which hydrolyzed with 16% HCl to 2,4-(H₂N)-
 C₆H₃SCF₃, m. 74-5°. Oxidation of m-O₂NC₆H₃SCF₃ with
 CrO₃ in aq. H₂SO₄ gave 90% corresponding sulfone, m. 66-
 7°, which is volatile with steam (cf. Fr. 820,780 (C.A. 32,
 3422)). This reduced with SnCl₂-HCl gave m-H₂NC₆H₃SCF₃-
 (O₂)CF₃, m. 78-9°, in 72% yield. G. M. Kosolapoff

PM 2/2
 [Signature]

Marenets, M.S.

Nitration of phenyl trifluoromethyl sulfide. L. M. Yagor, 1951 Ann. N.Y. Acad. Sci. 52, 101-107. J. Gen. Chem. U.S.S.R. 26, 99-103 (1950) (Engl. translation). — Refluxing 21 g. $m\text{-NCSC}_6\text{H}_4\text{NO}_2$ with 21 g. KOH in 21 ml. H_2O and 165 ml. MeOH 9.5 hr. and dilg. with H_2O , followed by methylation with 21 g. Me_2SO , while maintaining a basic reaction by adding of 10% NaOH, gave 91% $m\text{-MeSC}_6\text{H}_4\text{NO}_2$, b. 133-1°. Chlorination of this in CHCl_3 with illumination and cooling gave 85% $\text{CCl}_3\text{SC}_6\text{H}_4\text{NO}_2$ (I), m. 73-4°. I (27 g.) heated with 27 g. 55% H_2NO_2 in 1 ml. EtOH, b. 113-14°, also prepd. by diazotizing 3,4- $\text{O}_2\text{N}(\text{H}_2\text{N})\text{C}_6\text{H}_3\text{SCF}_3$ in H_2SO_4 -EtOH and refluxing 1 hr. (the yield was 71%). Reduction with $\text{SnCl}_2 \cdot 2\text{H}_2\text{O}$ in HCl -EtOH after heating 1 hr. gave 85% $m\text{-H}_2\text{NC}_6\text{H}_4\text{SCF}_3$, b. 103-104°; HCl salt, decomp. 240-1°. Ac. deriv. H_2SCF_3 , b. 103-104°; HCl salt, decomp. 240-1°. The latter nitrated with mixed acid at 3-4° m. 129-30°. This latter nitrated with mixed acid, which were saponified with aq. alc. KOH on a steam bath and steam distd., yielding the residue of 3,6- $\text{H}_2\text{N}(\text{O}_2\text{N})\text{C}_6\text{H}_3\text{SCF}_3$, m. 126-7° (from EtOH). This (2 g.) in 5 ml. EtOH was treated with 1.5 ml. H_2SO_4 , cooled to 0°, and diazotized with 0.65 g. NaNO_2 in 1 ml. H_2O ; after heating on water bath 2 hrs., the product was steam distd. and extd. from the distillate with EtOH, yielding 65% $o\text{-O}_2\text{NC}_6\text{H}_3\text{SCF}_3$, b. 78-83°. This reduced with $\text{SnCl}_2 \cdot \text{HCl}$ and the product directly treated with Ac_2O gave 0.8 g. $o\text{-AcNH}_2\text{C}_6\text{H}_3\text{SCF}_3$ (II), m. 123-4°; HCl salt, m. 164-5°. Nitration of PhSCF_3 with mixed acid at 0-15° gave 88% mixed o - p -nitro derivs.; contg. 34% o - and 57% p -isomer identified by reduction with $\text{Fe}-\text{AcOH}$, acetylation and sublimation; the sublimate was II, the residue was the p -isomer. Hydrolysis of the Ac. derivs. with 15% HCl gave, resp., $o\text{-H}_2\text{NC}_6\text{H}_3\text{SCF}_3$, b. 70-11°, m. 30-1°; p -isomer, m. 30-1°.

MARENETS, M. S.

MARENETS, M. S.: "Trifluoro methylmercapto derivatives of aromatic and heterocyclic compounds." Acad Sci Ukrainian SSR. Inst of Organic Chemistry. Kiev, 1956. (Dissertation for the Degree of Candidate in Chemical Science.)

Source: Knizhnaya letopis' No 40 1956 Moscow

L.M. VITKOPOLSKII

2-benzothiazole)-9-methyltrimethinecyanine perchlorate, blue-black, decomp. 255-6°, abs. max. 550 mμ. The use of EtC(OEt)₂ gave 33% bis(3-ethyl-5-trifluoromethylmercapto-2-benzothiazole)-9-ethyltrimethinecyanine perchlorate, decomp. 235-6°, abs. max. 555 mμ. I etho-*p*-toluenesulfonate refluxed with Ac₂O-pyridine with β-anilinoacrolein anil-HCl gave 45% bis(3-ethyl-5-trifluoromethylmercapto-2-benzothiazole)pentamethinecyanine perchlorate, decomp. 250-1°, abs. max. 658 mμ. I ethoperchlorate and *p*-Me₂NC₆H₄CHO refluxed 0.5 hr. with Ac₂O gave 81% 2-(*p*-dimethylamino)styryl-5-trifluoromethylmercapto-2-benzothiazole, isolated as the ethoperchlorate, m. 232-3°, abs. max. 645 mμ. II etho-*p*-toluenesulfonate refluxed in Ac₂O with HC(OEt)₂ 0.5 hr. gave 50% bis(3-ethyl-6-trifluoromethylmercapto-2-benzothiazole)trimethinecyanine perchlorate, decomp. 287-8°, abs. max. 698 mμ. The use of MeC(OEt)₂ in the reaction with pyridine-Ac₂O similarly gave 40% bis(3-ethyl-6-trifluoromethylmercapto-2-benzothiazole)-9-methyltrimethinecyanine perchlorate, decomp. 250-1°, abs. max. 555 mμ; EtC(OEt)₂ similarly gave 33% bis(3-ethyl-6-trifluoromethylmercapto-2-benzothiazole)-9-ethyltrimethinecyanine perchlorate, decomp. 220-1°, abs. max. 568 mμ. The reaction of II etho-*p*-toluenesulfonate with β-anilinoacrolein anil-HCl in Ac₂O-pyridine 0.5 hr. gave 40% bis(3-ethyl-6-trifluoromethylmercapto-2-benzothiazole)pentamethinecyanine perchlorate, decomp. 200-1°, abs. max. 665 mμ. G. M. Kosglapoff.

2/2

"MARENETS, M.S.

✓ Cyanine dyes containing fluorine. IV. Cyanine dyes from derivatives of 5- and 6-trifluoromethylmercaptobenzothiazoles. L. M. Yagupol'skiy and M. S. Marenets. *Zhur. Obshch. Khim.* 25, 1771-4 (1955); *cf. C.A.* 48, 6008d; 49, 8172e. Max. of absorption of thiocarbocyanines with SCF_3 groups in 5,5'- and 6,6'-positions are displaced by 7-10 m μ to the long wave end of the spectrum in comparison with unsubstituted analogs. 3-Nitro-1-aminophenyl trifluoromethyl sulfide (15 g.) in 40 ml. concd. H_2SO_4 was treated with 60 ml. H_2O and 5.6 g. NaNO_2 in 10 ml. H_2O at 3-5°; the soln. after stirring 30 min. was filtered and added dropwise to a boiling soln. of CuBr with steam distn. of the product as soon as it was formed to yield 3-nitro-4-bromophenyl trifluoromethyl sulfide, yellow oil, b.p. 121-3°. This boiled with alc. Na_2S and S 2 hrs. gave 70% 4,4'-bis(trifluoromethylmercapto)-2,2'-dinitrodiphenyl disulfide, m. 133-4° (from AcOH). This in hot AcOH treated with Zn dust and concd. HCl , and then neutralized with NaOAc , gave a ppt. of the Zn salt, which heated 3 hrs. with Ac_2O and steam distd., gave 60% 2-methyl-5-trifluoromethylmercaptobenzothiazole (I), m. 93-4° (from ligroine); treatment with $p\text{-MeC}_6\text{H}_4\text{SO}_3\text{Et}$ 4 hrs. at 150°, followed by aq. NaClO , gave the ethopercchlorate, m. 138-9°. Similarly was obtained the ethopercchlorate of 2-methyl-6-trifluoromethylmercaptobenzothiazole (II), m. 153°. Heating I etho- p -toluenesulfonate and 2-methylmercaptobenzothiazole Et. ethosulfate in EtOH - AcONa 45 min. gave 60% [3-ethyl-5-trifluoromethylmercapto-2-benzothiazole][3-ethyl-2-benzothiazole]methinecyanine, isolated as the perchlorate, yellow, m. 266-7°, abs. max. 430 m μ . Refluxing I ethopercchlorate with HC(OEt)_3 in pyridine 25 min. gave 51% bis(3-ethyl-5-trifluoromethylmercapto-2-benzothiazole)trimethinecyanine, isolated as the bronze perchlorate, m. 279-80°, abs. max. 560 m μ . Use of MeC(OEt)_3 with I etho- p -toluenesulfonate refluxed in pyridine with a little Ac_2O 45 min. gave 52% bis(3-ethyl-5-trifluoromethylmercapto-

Inat. Orgn. Chem, AS URSR OVER

MARENETS M.S.

3

✓ Cyanine dyes containing fluorine. IV. Cyanine dyes from derivatives of 5- and 6-trifluoromethylmercaptobenzothiazoles. L. M. Yagupol'skii and M. S. Marenets. Gen. Chem. U.S.S.R. 25, 1725-8 (1966) (Eng. transl.). —See C.A. 50, 6035d.

Chem

3

M.A. YOUTZ
2 copies

BM

MARENETS, M. S.
USSR/Chemistry

Card 1/1

Authors : Yagupol'skiy, L. M.; and Marenets, M. S.

Title : Phenyltrifluoromethylsulfides and phenyltrifluoromethylsulfones with
substitutes in para-position

Periodical : Zhur. Ob. Khim. 24, Ed. 5, 887 - 894, May 1954

Abstract : The authors synthesized and described the properties of thirty phenyl-
trifluoromethylsulfide and phenyltrifluoromethylsulfone compounds con-
taining SCF_3 and SO_2CF_3 -groups as substitutes in the benzene nucleus.
Substances containing the SCF_3 -group were obtained through chlorination
of the methyl group in p-nitrophenylmethylsulfide substitution of the
chlorine atoms with fluorine with the aid of antimony trifluoride.
Compounds containing the SO_2CF_3 -group were derived through oxidation of
p-nitrophenyltrifluoromethyl sulfide with achromium mixture. Twelve
references; 1 German since 1885. Table.

Institution: Acad. of Sci. Ukr-SSR, Institute of Organic Chemistry

Submitted : December 7, 1953

USHENKO, I.K.; MARENETS, M.S.

Investigations in the chemistry of cyanine dyes. Part 9. 3,3'-di- α -naphthylthiacyanines and 3,3'-diphenyl-4,5,4',5'-dibenzothiacyanines. Ukr.khim.zhur. 20 no.5:535-542 '54. (MLRA 8:1)

1. Institut organicheskoy khimii Akademii nauk USSR.
(Thiacyanines)

MARENETS, M. S.

✓ Reaction of quaternary salts of heterocyclic compounds
with aromatic nitrochloro compounds: L. M. Vagapov, skil
and M. S. Marenets. *J. Gen. Chem. U.S.S.R.* 23, 407-501
(1953) (Eng. transl.) - See *C.A.* 48, 3904a.
H. L. H.

MARENETS, M.S.

Reaction of Quaternary Salts of Heterocyclic Bases with Aromatic Chloronitro Compounds, L. M. YAGUPOLSKY and M. S. MARENETS, *J. Gen. Chem. U.S.S.R.*, 1953, 23, 481-488. Quaternary salts of 2-methylbenzothiazole, 2-methylbenzoxazole, and derivatives formed from these by substitution with a variety of groups in the benzene nucleus and in the methyl group, and also a few other related substances, are treated with aromatic compounds containing a Cl, OCH₃, or SCH₃ group activated by suitably placed NO₂ groups, e.g., picryl chloride, to give 18 dyes. The absorption maxima and other properties of the dyes are tabulated. Introduction into the benzene ring of the benzothiazole residue of electropositive groups (e.g., N(CH₃)₂, OCH₃) causes a bathochromic shift in the absorption maximum; electronegative groups (e.g., NO₂, CF₃) have the opposite effect. Substitution of CH₃, C₂H₅, or Cl on the methin group produces a considerable bathochromic effect.

J. Soc. Dyers and Colourists.

POCHINOK, V.Ya.; MARENETS, M.S.; SMAZNAYA-IL'INA, Ye.D.

Triazenes as reagents in analytical chemistry. Part 1. Synthesis of oxytriazenes and triazenes. Ukr.khim.zhur. 19 no.2:179-192 '53.
(MLRA 7:4)

1. Kiyevskiy gosudarstvennyy universitet, kafedra organicheskoy khimii. (Triazene) (Chemical tests and reagents)

MARENDIC, Vjekoslav

Computation of a circular cylindrical reservoir on an
elastic foundation. Publ Teh fak Sarajevo 2 no.2:23-28
'59.

MARENDIC, Vjekoslav, dr inz., prof. (Sarajevo, Kralja Tomislav. 6)

Stricit computation of finely ribbed celings with a single
tightening rib. Tehnika Jug 19 no. 2:207-213 F '64.

1. Faculty of Engineering, University of Sarajevo.

MARENDIC, Vjekoslav, prof. (Sarajevo, Kralija Tomislava broj 6)

Elastic torsional encastrement of narrow ribbed ceilings.
Publ Teh fak Sarajevo 5 no.1/2:31-46 '64.

1. Faculty of Civil Engineering of the University of Sarajevo,
Sarajevo.

MARENDIC, Vjekoslav

Girder on an elastic wall, loaded by equal and equidistant forces. Publ Teh fak Sarajevo 4 no. 1:33-43 '61.

MARENCE, J

New experiences in the treatment of metals with ceramic plates, p. 134

STROJNISKE VESTNIK (Fakulteta za elektroehniko in strojninstvo Univerze v Ljubljani Institut za turbostroje v Ljubljana Drustov Strojnih inzenirjev in tehnikov LR Slovenije in Strojna industrija Slovenije) Ljubljana, Yugoslavia. Vol 4, no. 5, Sept. 1958

Monthly List of East European Accession EEAI LC, Vol 8, no. 6, June 1959
Uncla.

MARENCE, J.

Treatment of metals with ceramic plates. p. 119.

STROJNISKI VESTNIK. (Fakulteta za elektrotehniko in strojninstvo Univerze v Ljubljani Institut za turbostroje v Ljubljani Drustvo strojnih inženirjev in tehnikov IR Slovenije in Strojna industrija Slovenije) Ljubljana, Yugoslavia. Vol. 3, no. 4/5, Sept. 1957.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 6, June 1959.
Uncl.

BASTOV, Viktor Fedorovich; IVANOV, Rodion Prokof'yevich;
IPPOLITOV, Anatoliy Georgiyevich; MAREM'YANICHEV, S.N.;
KOSOLOV, K.V.; IONOV, V.N., red.

[Teaching of the fundamentals of production mechanization
and automation] Prepodavanie osnov mekhanizatsii i avto-
matizatsii proizvodstva. Moskva, Vysshaya shkola, 1965.
157 p. (MIRA 18:7)

MOSOLOV, K.V.; BASTOV, V.F.; IVANOV, R.P.; IPPOLITOV, A.G.;
MAREM'YANICHEV, S.N.; DUMCHENKO, N.I., kand. tekhn.
nauk, retsenzent; ZAZERSKIY, Ye.I., inzh., retsenzent;
BARSKIY, M.E., kand. tekhn. nauk, red.

[Fundamentals of the mechanization and automation of
production processes] Osnovy mekhanizatsii i avtomati-
zatsii proizvodstva. Moskva, Mashinostroenie, 1964.
198 p. (MIRA 18:1)

GRINBERG, David Yefimovich [deceased]; KROPIVNIITSKIY, N.N., inzh., retsenzent;
MAREM'YANICHEV, S.N., inzh., retsenzent; OGLOBLIN, A.N., dots., red.;
VASIL'YEVA, V.P., red. izd-va; POL'SKAYA, P.G., tekhn. red.

[Machine shop lay-out man] Razmetchik mekhanicheskikh tsekhov.
Moskva. Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1958.
315 p. (MIRA 11:10)
(Metalwork) (Machine-shop practice)

VEYLAND, S.Kh., inzh.; LITKE, F.F., inzh.; MARGMORHA, A.M.; KURTSKIY, V.I.

Automatic direct coal loading into railroad cars. *Izv. Vsesoyuz. nauch.-issled. inst. zhel. dorog*, 1964, no. 11, p. 13. 3 '64.

MARELIC, D.

Examinations to qualify for sea fishing. p. 265.
Title page and index for 1957/58.

Periodical: MORSKO RIBARSTVO.

Vol. 10, no. 12, Dec. 1958.

AGRICULTURE

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, No. 4
April 1959, Uncl.

YUGOSLAVIA/Chemical Technology. Chemical Products and Their
Application, Part 3. - Food Industry.

H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 72375.

Author : Dinko Marelich.

Inst :

Title : How Shall we Preserve the Quality of Fish.

Orig Pub: Morsko ribarstvo, 1958, 10, No 3, 59-60.

Abstract: No abstract.

Card : 1/1

MARELIC, D.

"A report from the International Congress on Fisheries in Hamburg,"

p. 316 (Morsko Ribarstvo) Vol. 9, no. 12, Dec. 1957
Rijeka, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

MARELIC, D.

Is luder fishing harmful? p. 85.

(Gozdarski vestnik, Vol. 9, No. 3, Mar. 1957, Ljubljana, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

MARELIC, D.

Professional training of cadres in our fisheries. p. 21.
(Gozdarski vestnik, Vol. 9, No. 1, Jan, 1957, Ljubljana, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

MARELIC, D.

Draft regulation on fishing by trawlers. p. 130.

Found in Vol. 8 no. 4, April 1956
In Rijeka, Yugoslavia (MORSKO RIBARSTVO)

So. EAST EUROPEAN ACCESSIONS LIST Vol. 5, no. 7 July 1956

MARELIC, D.

Wage regulations in fishing. p. 60. MORSKO RIBARSTVO.
(Udruzenje morskog ribarstva Jugoslavije) Rijeka. Vol. 8,
no. 2, Feb. 1956.

SOURCE: East European Accessions List, (EEAL),
Library of Congress Vol. 5, no.11, Nov., 1956.

MARELIC, D.

Calculations in fishing. p. 51. MORSKO RIBARSTVO. (Udruženje
morskog ribarstva Jugoslavije) Rijeka. Vol. 8, no. 2, Feb.
1956

SOURCE:

East European Accessions List, (EEAL),
Library of Congress Vol. 5, no. 11, Nov., 1956.

MARELIC, D.

What kind of boat is best suited to our fisheries? p. 4. MORSKO RIBARSTVO.
(Udruzenje morskog ribarstva Jugoslavije) Rijeka. Vol. 8, no. 1, Jan. 1956.

So. East European Accessions List Vol. 5, no. 9 September, 1956

MARELIC, D.

MARELIC, D. How to solve relationships within the economy of fisheries. p. 213.

Vol. 7, No. 9, Sept. 1955.

YUGOSKO RIEARSTVO.

AGRICULTURE

Rijeka, Yugoslavia

So: East European Accession, Vol. 5, No. 5, May 1956

MARELIC, D.

Spare parts for motors, p. 138. MORSKO RIBARSTVO. (Udruzenje
morskog ribarstva Jugoslavije) Rijeka.

Vol. 7, No. 6, June 1955

SOURCE: East European Accessions List, (EEAL), Library of
Congress, Vol. 4, No. 12, December 1955

MARELJIC, D.

Classification of tuna fishing boats. p. 112. MORSKO RIBARSTVO.
Udruzenje morskog ribarstva Jugoslavije Rijeka.

Vol. 7, No. 5, May 1955

SOURCE: East European Accessions List, (EEAL), Library of
Congress, Vol. 4, No. 12, December 1955

BARBULESCU, C.; BARSAN, A.; BURCEA, P.; PU1U, St.; MARELE, U., (Bucuresti)

Natural pastures and hayfields on the Bran Plateau. Natura
Biologie 16 no.2:10-19 Mr-Ap '64.

L 46618-66 RO

ACC NR: AP6024751

SOURCE CODE: BU/0011/65/018/010/0947/0949

AUTHOR: Mollov, N.; Marekov, N.; Popov, S.; Kouzmanov, B.

ORG: Institute of Organic Chemistry, BAN, Sofia

TITLE: Alkaloids of some *Gentiana* species

SOURCE: *Bulgarska akademiya na naukite. Doklady*, v. 18, no. 10, 1965, 947-949

TOPIC TAGS: alkaloid, plant chemistry

ABSTRACT:

Gentiana L. is one of the six genera of the *Gentianaceae* family which is fairly common in Bulgaria. Fourteen species of this genus thrive mainly in the highlands. Some of them are widely used in popular medicine. Although in the past many compounds were isolated from the various species of *Gentiana*, no studies on alkaloids have been made yet. Consequently, the authors carried out alkaloid composition studies in *G. cruciata* L., *G. asclepiadea* L., *G. lutea* L. var. *symphyandra* Mrb., *G. punctata* L., as well as the endemic species *G. bulgarica*. The article contains detailed data about the amount and types of alkaloids found. A more detailed study of the properties of the individual isolated alkaloids will be published later. This paper was presented by Academician D. Ivanov on 12 July 1965. [Orig. art. in Eng.] [JPRS: 34,805]

SUB CODE: 06 / SUBM DATE: none / SOV REF: 002 / OTH REF: 014

Card 1/1

0915 2584

IVANOFF, D. [Ivanov, D.], akad.; MARECOFF, N. [Marekov, N.]; ZIDAROFF, E.
[Zidarov, E.]

Syntheses with α -magnesium-, and α -lithium sodium phenylacetate
and the esters of mono- and dicarboxylic acids. Doklady BAN
15 no.5:487-490 '62.

1. Membre du Comité de rédaction, "Doklady Bolgarskoy Akademii
nauk" (for Ivanov).

MAREKOV, Nikolai

Preparation of sodium α -chloromagnesium toluene α -sulfonate
and some syntheses with it. Pt. 2. Godishnik khim 53 no.3:
1-22 '58/'59 [publ. '59].

MAREKOV, N.

"Preparation of arylsubstituted β -arylaminoethane-sulfonic acids from Schiff's bases and α -lithium sodium α -toluene-sulfonate."

IZVESTIIA, Sofia, Bulgaria, Vol. 6, 1958.

Monthly List of East European Accessions Index (EEAI), The Library of Congress, Volume 8, No. 8, August 1959.

Unclassified

BULGARIA, Organic Chemistry. Synthetic Organic Chemistry,

G-2

Abs Jour: Ref Zhur-Khim., No 24, 1958, 81608.

m.p. 300°C. (with decomposition; from alcohol);
 S-benzyl isothiouronic salt (BS), m.p. 201-202°C
 In the same way, the others III are prepared:
 are given: Ar, Ar', yield in % of III, m.p. in
 C (with decomposition from alcohol) yield
 in % of the ammonium salt of the III, and m.p. in
 C of BS: C₆H₅, p-CH₃OC₆H₄, 53, 314 (from
 alcohol), 63, 177-178; p-CH C₆H₄, C₆H₅, 65, 256,
 64, 189-190, λ = C₁₀H₇, C₆H₅, 57, 252 58, 201-202;
 3 = C₁₀H₇, C₆H₅, 68, 252, 49, 70-80.

Card : 3/3

BULGARIA/Organic Chemistry. Synthetic Organic Chemistry.

G-2

Abs Jour: Ref Zhur-Khin., No 24, 1958, 81608

Author : ~~Marakov N.~~ Petsev N.

Inst : AN Bulgaria

Title : The Preparation of Aryl Substitutes of β -Arylamino-ethansulfonic Acid from the Schiff's Base and the Sodium Salt of α -Lithium-Toluene- α -Sulfonic Acid.

Orig Pub: Dokl. Bolg AN, 1957, 10, No 6, 473-476.

Abstract: From the reaction between $C_6H_5CH(Li)SO_3Na$ (I) and $ArN=CHAr'$ (II), $ArN(Li)CH(Ar')CH(C_6H_5)SO_3Na$ were synthesized by the hydrolysis of which were obtained the corresponding $ArNHCH(Ar')CH(C_6H_5)SO_3H$ (III). I with $(C_6H_5)_2CO$ (boiling for 6 hours) gives 72-81% of $(C_6H_5)_2C(OH)CH(C_6H_5)SO_3H$. I was obtained

Card : 1/3

MA Re Kov, N.

Chromatic determination of hydrocarbons in essence of rose. D. Ivanov, N. Markov, St. Pavlova, and I. Ivanova (Univ. Sofia). *Ind. parfum.* 11, 103-6 (1956).—The hydrocarbons in essence of rose can be analytically detd. by chromatic sepn. from the oxygenated material. The method was tested initially on artificial rose mists, over Al_2O_3 with petr. ether as the diluent. A dil. soln. gave better results than the highest concn. possible. Two g. of rose sample was dissolved in 10 cc. petr. ether and poured onto a column of Al_2O_3 . Following an eluate of 30 cc., a 2nd fraction of 140 cc. contained all the hydrocarbon. The solvent was removed at 60° to const. wt. The loss of hydrocarbon was 0.3% on the sample, and 2 samples corresponded to within 0.5%. The results agreed with those obtained by the stearoptene method. M. P. G.

MAREKOV, N.

MAREKOV, N. Preparing organic magnesium reactives from α -picoline and quinaldine by substituting an activated hydrogen atom of the magnesium group. In French. p. 35. Vol. 9., no.1, Jan./Mar. 1956. DOKLADY., Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4 April 1957

Marchkov, N.

6

Synthesis from the manganous complex of 2-thienylacetic acid: D. Ivanov and N. Marchkov (Univ. Sofia, *Compt. rend. acad. bulgare sci.* 8, 130, 1, 29-31 (1955) (in French). -- 2-Thienylmalonic acid (I) is prepd. by the following method: 0.02M thienylacetic acid (2.84 g.; dissolved in 80 ml. of Et_2O) is added to 0.05M Me_3CHCl , the mixt. heated on a H_2O bath until no more gas is given off (1.5 hrs.); cooled to -10° 1 hr., the Et_2O evapd., the residue washed 3 times with benzene in the cold and filtered off to yield 78% I, m. 134° (decompn.) (from petr. ether). 2-Thienyl-3-phenyl-3-hydroxybutanoic acid (II) is prepd. by slow addn. of 0.015M (2.12 g.) thienylacetic acid soln. to 0.037M Me_3CHMeCl in Et_2O , heating 1 hr. and adding 0.015M (1.8 g.) PhCOMe in Et_2O , heating 4 hrs., hydrolyzing with ice- H_2O , and washing with CCl_4 in the cold. II (69%) recrystd. from benzene m. $152-4^\circ$. Substitution of PhCO for PhCOMe gave 37% 2-thienyl-3,3-diphenyl-2-hydroxypropanoic acid (III), m. $181-3^\circ$ (from alc.). When III (1 g.) is stirred with concd. H_2SO_4 5 min., poured into 50 g. ice- H_2O , allowed to stand 2-3 hrs., the solid filtered off and washed with H_2O , 0.8 g. 2-thienyl-3-phenylindone was recovered (67% yield), m. $157-9^\circ$ (from alc.). F. L. E.

Marekov, N.

Chem

✓ Distillation of alcohols and of stearoptene from oil of roses during the hydrodistillation of rose flowers. D. Ivanov, Khr. Ivanov, N. Marekov, and H. Ognyanov. *Compt. rend. acad. bulgare sci.* 7, No. 3, 25-8 (1954) (Pub. 1955) (in French); cf. *C.A.* 49, 5782g. — The distn. of the components of rose oil during hydrodistn. is detd. by several factors, among which are the speed of diffusion from the tissue to the water and the relative soly. and vapor pressure in water. Data are given on the compn. of the various fractions obtained from the distn. Most of the oil is obtained during the first 30 min. Differences in the recovery of various components are noted, depending on whether the roses are fresh, stored for one day, or scalded prior to distn.

John H. Wood

4

MARKOV, N.

Synthesis from sodium magnesylphenylacetate and aliphatic dicarboxylic acid chlorides. A preparation procedure for benzyl diketonates. D. Ivanov and N. Markov (Univ. Sofia). *Compt. rend. acad. bulgare sci.* 4: 41-4 (Pub. 1953) (in French).—The reaction between $C_6H_5CH(MgCl)CO_2Na$ (I) with chlorides of oxalic (II), malonic (III), succinic (IV), adipic (V), and sebacic (VI) acids is described. Thus, adding dropwise III (0.025 mole) in Et_2O to I (0.05 mole) at -10° in a H. atm., maintaining this temp. 1 hr., then 2 hrs. at room temp. under continuous agitation, extg. with Et_2O after acidification with HCl, yielded 6.6% 1,5-diphenyl-2,4-pentanedione (VII), m. 68-7.5° (from aq. $EtOH$). VII crystallizes in flakes, is sol. in Et_2O , C_6H_6 , glacial $AcOH$. Similarly was prepd. 13% 1,6-diphenyl-3,5-hexanedione (VIII), m. 64-5° (from aq. $EtOH$), sol. as VII, disemicarbazone deriv. m. 170-80° (from $EtOH$). In glacial $AcOH$ VIII and semicarbazide gave a product m. 303-4° suspected to have a pyrrole or pyridazine nucleus. 1,8-Diphenyl-2,7-octanedione, 29%, m. 72° (at 4° the yield was only 22%), disemicarbazone, m. 210°, was prepd. from I and V. I and VI at -8° yielded 35% 1,12-diphenyl-2,11-dodecanedione (at 18° the yield was 46%), m. 73.5-5° (from petr. ether), crystg. in elongated lamellas, sol. in Et_2O , C_6H_6 , $EtOH$, slightly sol. in petr. ether. The product from I and II, a yellow-brown oil, could not be obtained in

cryst. form. Certain by-products obtained in smaller quantities were identified as hydroxy acids. G. A.

MARCOV, N

4

Synthesis with the magnesium halide derivative of sodium phenylacetate and chlorides of aliphatic dicarboxylic acids. Benzyl diketones. D. Ivanov and N. Markov. *Annuaire fac. sci. phys. et math. (Sofia), Chimie* 47, 11-21 (1952) (French summary). $\text{PhCH}(\text{MgCl})\text{CO}_2\text{Na}$ (C.A. 27, 1336) (0.05 mole) was treated with 0.025 mole $\text{CH}_3(\text{COCl})_2$ in Et_2O at -10° , the mixt. stirred 2 hrs. at room temp., hydrolyzed with cold H_2O , acidified with HCl , extd. several times with Et_2O , the exts. were concd., treated with 5% NaHCO_3 to pH 6.5, and the sepd. oil was extd. with Et_2O , dried, and evapd. to give 0.4 g. $\text{CH}_3(\text{COCH}_2\text{Ph})_2$, m. $60-75^\circ$. $(\text{CH}_3\text{COCl})_2$ (0.7 mole) gave 2.3 g. $(\text{CH}_3\text{COCH}_2\text{Ph})_2$, m. $64-5^\circ$; disemicarbazone, m. $179-80^\circ$. $\text{CH}_3(\text{CH}_2\text{COCl})_2$ (0.05 mole) yielded 2.1 g. $\text{CH}_3(\text{CH}_2\text{COCH}_2\text{Ph})_2$ (I), m. 72° (disemicarbazone, m. 210°) and 0.4 g. crystals, (II), m. $173-8^\circ$. $(\text{CH}_3\text{CH}_2\text{COCl})_2$ (0.025 mole) gave 4.8 g. $(\text{CH}_3\text{CH}_2\text{COCH}_2\text{Ph})_2$, (III), m. $73.5-5^\circ$, and 1.0 g. crystals (IV), m. $135-43^\circ$ (decomp.). II and IV on boiling with 20% KOH produced $\text{PhCH}_2\text{CO}_2\text{H}$, and I and III, resp. G. Meguerian

MAREK MILLER, Jozef

Investigations on possibility of peritoneal infection during
excision of stomach. Polski tygod. lek. 12 no.8:290-293 18
Feb 57.

1. (Z I Kliniki Chirurgicznej A.M. w Warszawie; kierownik prof.
T. Butkiewicz). Adres: Warszawa. ul. Prezydencka 10 m. 1.
(GASTRECTOMY, compl.
postop. peritoneal infect., prev. (Pol))
(PERITONEUM, dis.
postop. infect. in gastrectomy, prev. (Pol))

GAWRZEWSKI, Wieslaw; MAREK, Zdzislaw; SALWINSKA, Barbara; TRELA, Franciszek

Fatal occupational accidents in the Lenin Foundry in Cracow and among construction crews building the foundry in 1953-1962. Pol. tyg. lek. 20 no.20:718-721 17 My '65.

1. Z Katedry Medycyny Pracy i Chorob Zawodowych AM w Krakowie (Kierownik: prof. dr. med. Leon Cholewa) i z Zakladu Medycyny Sadowej AM w Krakowie (Kierownik: doc. dr. med. Jan Kobiela).

MAREK, Zdzislaw

The Ag group system and its occurrence in the Polish population.
Folia med. Cracov. 6 no.3:363-370 '64.

KOBIELA, Jan; MAREK, Zdzislaw; TURCOWSKA, Bozena

The Gc group system in the Polish population. Folia med. Cracov.
6 no.3:355-361 '64.

SOCHA, Wladyslaw; MAREK, Zdzislaw; POPCZYNSKA-MARKOWA, Maria; KOBIELOWA, Zofia

Endocarditis in infants. Przegl Lek 20 no.2:140-144 '67.

1. Institute of Forensic Medicine of the School of Medicine, Krakow.
Head: Prof. Dr. J. Olbrycht, and I Children's Clinic of the School
of Medicine, Krakow. Head: Prof. Dr. T. Giza.

MAREK, Zdzisław; POPCZYŃSKA-MARYKOWA, Maria; KALUZA, Józef

A case of a combined heart defect (Taussig-Bing syndrome) co-existing with bone changes. Pat. Pol. 15 no.23219-224. Apr 5-1964

1. Z I Kliniki Dziecięcej Akademii Medycznej w Krakowie (Kierownika: prof. dr. ... z Zakładu Medycyny Sądowej Akademii Medycznej w Krakowie (Kierownik: doc. dr. med. J. Kobiela).

MAREK, Zdzislaw; JAEGERMANN, Kazimierz; TUROWSKA, Bozena

Determination of the group of proteins using the method of electric precipitation on agar gel (electroimmunoprecipitation). Folia med. Cracow. 6 no.1:83-91 '64

MAREK, Zdzislaw; JAEGERMANN, Kazimierz; CIBA, Tadeusz

Atheromatosis and blood cholesterol level in autopsy studies.
Polski tygod. lek. 16 no.23:864-869 5 Je '61.

1. Z Zakładu Medycyny Sadowej A. M. w Krakowie; kierownik: prof.
dr nauk med. Jan Olbrycht i z I Kliniki Chorob Wewnętrznych A.M.
w Krakowie; kierownik: prof. dr Leon Tochowiec.

(ARTERIOSCLEROSIS blood) (CHOLESTEROL blood)

MARKK, Zdzislaw; STEFANKO, Stanislaw

Symmetrical porencephalia in a 13 year old boy. Pat. polska 9 no.3:
293-298 July-Sept 58.

1. Z Zakladu Medycyny Sadowej A. M. w Krakowie Kierownik: prof. dr nauk
med. J. Olbrycht Z Kliniki Neurologicznej A. M. w Krakowie Kierownik:
prof. dr W. Jakimowicz. Krakow, ul. Grzegorzeczka 16.

(BRAIN, abnormalities

symmetrical porencephalia in boy, clin. & post-mortem
aspects (Pol))

MAREK, Zdzislaw

~~Seminoma.~~ Polski tygod. lek. 11 no.52:2194-2201 24 Dec 56.

1. (Z Zakladu Anatomii Patologicznej Akademii Medycznej w Warszawie; kierownik: prof. dr. L. Paszkiewicz) Grudziadz, ul. 6 Marca blok 6, m. 25.
(DISGERMINOMA, case reports,
(Pol))

MAREK, Z., inz.; KABRT, L., inz.

Fast determination of nitrogen in the silicon nitride. Hut listy 17
no.12:884-887 D '62.

1. Vyzkumny ustav praskove metalurgie, Sumperk, pracoviste Vestec
(for Marek). 2. Vysoka skola chemicko-technologicka, Praha (for Kabrt).

MAREK, Zdenek, inz.; KABRT, Lubomir, inz.

Photometric determination of aluminum in the fifteen per cent
ferrosilicon. Hut listy 16 no.10:743-745 0 '61.

1. Vyzkumny ustav po praskovou metalurgii, Sumperk, pracoviste
Vestec u Prahy.

BERANEK, Miroslav; MAREK, Zdenek

Comparison of Penny-Knop method with the Zimmermann-Reinhardt method for determining iron in ores. Sbor chem tech no.3, part 1:191-207 '59.

1. Katedra chemické technologie kovů, Vysoká škola chemicko-technologická, Praha.

MAREK, Ya.I.

Inhibition of sugar degradation in the hydrolysis of wood. Izv.
vys.ucheb.zav.; pishch.tekh. no.1:127-131 '60. (MIRA 13:5)

1. Kafedra tekhnologii brodil'nykh proizvodstv Leningradskogo
tekhnologicheskogo instituta pishchevoy promyshlennosti.
(Sugars) (Hydrolysis)

MAREK, Ya.I.; MALKOV, A.M.

Effect of phosphorus and iron on xylose during thermal
decomposition. Gidroliz. i lesokhim.prom. 11 no.7:11-12 '58.
(MIRA 11:11)

1. Leningradskiy tekhnologicheskii institut pishchevoy pro-
myshlennosti.

(Xylose)	(Phosphorus)	(Iron)
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L 44750-66 EEC(k)-2 LJP(c)

ACC NR: AP6032885

SOURCE CODE: HU/0012/65/013/008/0236/0239

AUTHOR: Marek, Nandor--Marek, Y. (Doctor); Szovik, Jozsef--Sovik, Y. 3P
C

ORG: [Marek] Institute for Medical Chemistry, Szeged University for Medical Sciences.
Szeged (Orvostudományi Egyetem Orvosi Vegytani Intézet); [Szovik] Hungarian Optical
Works (Magyar Optikai Művek)

TITLE: Experiences in the use of the spektromom 201 ultraviolet spectrophotometer 5

SOURCE: Meres es automatika, v. 13, no. 8, 1965, 236-239

TOPIC TAGS: UV spectrophotometer, photoelectric cell/Spektromom 201 UV spectrophotomete

ABSTRACT: The specifications of the 'Spektromom 201' ultraviolet spectro-
photometer (manufactured by Hungarian Optical Works) were described in
detail. The instrument operates in the 190-1100 nm. wavelength range;
its photocells are British-made and its light source is German-made.
Its operation and calibrating procedures were described and some re-
sults were discussed to illustrate its accuracy and reproducibility.
Orig. art. has: 5 figures and 3 tables. [JPRS]

SUB CODE: 20 / SUBM DATE: 22Feb65 / OTH REF: 002

Card 1/1 mjs

UDC: 535.243.25-31

0920

0402

MAREK, W.

On families of sets. Bul Ac Pol math 12 no.8:443-448 '64.

1. Department of Algebra of the University, Warsaw.
Presented by A. Mostowski.

DUDKO, D.I., insh.; MAREK, V.F., tekhnik

UPTS universal two-way semiautomatic telephone unit. Trudy Sekt.radiotek.
1 VRS Ukr. MFORIE no.3:31-34 ' 56. (MIRA 12:1)
(Telephone--Equipment and supplies)

MAREK, Vladimir

Some experience with the railway track maintenance during the winter season. Zel dop tech 11 no.4:101-102 '63.

MAREK, V.P.

16670* (Czech.) Non-Destructive Testing of Cast Iron Piston Rings. Bezporuchové zkoušení pístních kroužků ze sedé litiny. V1. Marek. Strojrenství, v. 6, no. 8, Aug. 1956, p. 532-536.

Testing and sorting is based on the correlation between the magnetic properties of a given material and its micro-structure.

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MAREK, V.

"Heat Treatment of Steel at Low Temperatures", P. 599, (STROJIRENSTVI,
Vol. 4, No. 8, Aug. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

MAREK, V.

Havlicek, V.; Marek, V. "The Utilization of Glass Tubes in Heat Exchangers." p. 256
(Strojirenstvi, Vol. 3, no. 4, Apr. 1953, Praha)

SO: Monthly List of East European Russian Accessions / Vol. 3, No. 3, March 1954, Uncl.
~~Library of Congress, 1953~~

MAREK, V.

"Fractures in the Crankshaft of a Highspeed Petroleum Internal-Combustion Engine".
p. 175, (STROJIRENSTVI, Vol. 3, No. 2, March 1953, Praha, Czechoslovakia).

SO: Monthly List of East European Accessions, LC, Vol. 3, No. 5, May 1954, Unclassified

MAREK, Vladimir

Conference on foundry equipment. Slevaretsvi 12 no.9:375 S '64.

MAREK, V.

Antinoise adjustment of the area mechanical computing station.
Podn org 18 no.4:184-185 Ap '64.

1. Orgalen, Dvur Kralove.

S/194/62/000/006/080/232
D413/D308

9,4110

AUTHORS: Klen, Bohdan, and Marek, Václav

TITLE: An anode system for electronic valves and its method of mounting

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 6, 1962, abstract 6-3-39 k (Czech patent, kl.21 g, 13/10, no. 95474, 15.06.60)

TEXT: The paper proposes an anode system for oscillator and rectifier valves, consisting of a cylindrical anode with cooling ribs and a screen with a stopper-bush at the top end of the cylinder. The stopper is tightly riveted to the cylinder, and has a central threaded hole into which is screwed the anode connector rod, which itself is fused into the top end of the valve's glass envelope. This rod also serves as a support for the whole anode system. [Abstracter's note: Complete translation.] B

Card 1/1

MAREK, V. ; ZELENYA A.

Reconstruction of powdered coal equipment for the Ervenice Electric Power Plant
p. 493.

ENERGETIKA. Praha, Czechoslovakia. Vol. 9, no. 10, Oct. 1959.

Monthly list of East European Accessions (EEAI) LC. Vol. 9, no. 2 Feb. 1960
Uncl.

MAREK, V.

Correct technological process on flier frames in the Totex-Tanvald system. p. 335.
(Textil, Praha, Vol. 9, No. 11, Nov. 1954)

SO: Monthly list of East European Accessions (EEAL), LC, Vol 4, No. 6, June 1955, Uncl

MAREK, V.

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